Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("6201631").PN.	USPAT; USOCR	OR	OFF	2004/08/30 16:46
S2	1	("1102096").PN.	USOCR; EPO	OR	OFF	2004/09/02 17:41
S3	1	385/17.ccls. and ("optical switch" or "crossconnect") and "adjustment optical fiber" and ("MEMS" with mirror with array)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/02 18:13
S4	0	385/17.ccls. and ("optical switch" or "crossconnect") and (adjustment with optical with fiber with single) and ("MEMS" with mirror with array) and @pd<"20020625"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/02 18:14
S5	0	385/17.ccls. and ("optical switch" or "crossconnect") and (adjustment with optical with fiber) and ("MEMS" with mirror with array) and @pd<"20020625"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/02 18:14
S6	0	385/17.ccls. and ("optical switch" or "crossconnect") and (adjustment with fiber) and ("MEMS" with mirror with array) and @pd<"20020625"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/02 18:14
S7	0	385/17.ccls. and ("optical switch" or "crossconnect") and (adjustment same fiber) and ("MEMS" with mirror with array) and @pd<"20020625"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/02 18:15
S8	0	385/17.ccls. and ("optical switch" or "crossconnect") and adjustment and ("MEMS" with mirror with array) and @pd<"20020625"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/02 18:15
S9	0	385/17.ccls. and adjustment and ("MEMS" with mirror with array) and @pd<"20020625"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/02 18:15
S10	2	385/17.ccls. and adjustment and ("MEMS") and @pd<"20020625"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/02 18:17
S11	915	385/17.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/02 18:17
S12	74	(385/17.ccls. and "mirror array") and (fiber with array)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/02 18:17
S13	3454	((385/17.ccls. and "mirror array") and (fiber with array)) fiber with "adjust"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/02 18:18

S14	4	((385/17.ccls. and "mirror array") and (fiber with array)) and fiber with "adjust"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/02 18:18
S15	0	((385/17.ccls. and "mirror array") and (fiber with array)) and fiber with "adjust" and @pd<"20020625"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/02 18:19
S16	3	((385/17.ccls. and "mirror array") and (fiber with array)) and fiber with "adjust" and @ad<"20020624"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/02 18:20
S17	210	385/17.ccls. and (array with mirror$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/02 18:20
S18	192	385/17.ccls. and (array with mirror$1) and @ad<"20020624"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/02 18:20
S19	51	(385/17.ccls. and (array with mirror$1) and @ad<"20020624") and (mirror with fix$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/02 18:29
S20	0	("9415178.ap.").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/02 18:30
S21	0	("415178.ap.").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/02 18:30
S22	1	("0415178").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/09/02 18:31
S23	0	"415178".an.	USPAT	OR	OFF	2004/09/02 18:31
S24	0	"09415178".an.	USPAT	OR	OFF	2004/09/02 18:31
S25	0	"09415178".an.	US-PGPUB; USPAT	OR	OFF	2004/09/02 18:31
S26	0	"09415178".apn.	US-PGPUB; USPAT	OR	OFF	2004/09/02 18:31
S27	0	"09415178".ap.	US-PGPUB; USPAT	OR	OFF	2004/09/02 18:32
S28	0	09/415178.ap.	US-PGPUB; USPAT	OR	OFF	2004/09/02 18:32
S29	4	"415178".ap.	US-PGPUB; USPAT	OR	OFF	2004/09/02 18:32
S30	96	385/17.ccls. and "mirror array"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/03 10:16
S31	22	385/17.ccls. and "mirror array" and @pd<"20020625"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/03 10:22

S32	64	(385/17.ccls. and "mirror array" and @ad<"20020625") not (385/17.ccls. and "mirror array" and @pd<"20020625")	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/03 11:01
S33	86	385/17.ccls. and "mirror array" and @ad<"20020625"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/03 11:01
S34	8	385/17.ccls. and "mirror array" and @ad<"20020625" and (mirror with fixed with align$5)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/03 11:15
S35	26	385/17.ccls. and "mirror array" and @ad<"20020625" and (mirror with (fixed or fixing))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/03 11:16
S36	18	385/17.ccls. and "mirror array" and @ad<"20020625" and (mirror with (fixed or fixing)) not (385/17. ccls. and "mirror array" and @ad<"20020625" and (mirror with fixed with align$5))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/09/03 11:16
S37	1729	385/18.ccls. or 385/16.ccls. or 385/17.ccls.	USPAT	OR	OFF	2004/09/08 13:25
S38	1669	(385/18.ccls. or 385/16.ccls. or 385/17.ccls.) and @ad<"20020625"	USPAT	OR	OFF	2004/09/08 13:26
S39	1070	((385/18.ccls. or 385/16.ccls. or 385/17.ccls.) and @ad<"20020625") and @pd<"20020625"	USPAT	OR	OFF	2004/09/08 13:26
S40	2785189	(fixed or fixing or reference) near$2 mirror	USPAT	OR	OFF	2004/09/08 13:27
S41	1617	((385/18.ccls. or 385/16.ccls. or 385/17.ccls.) and @ad<"20020625") and ((fixed or fixing or reference) near$2 mirror)	USPAT	OR	OFF	2004/09/08 13:28
S42	1027	(((385/18.ccls. or 385/16.ccls. or 385/17.ccls.) and @ad<"20020625") and @pd<"20020625") and ((fixed or fixing or reference) near$2 mirror)	USPAT	OR	OFF	2004/09/08 13:28
S43	1297	(((385/18.ccls. or 385/16.ccls. or 385/17.ccls.) and @ad<"20020625") and ((fixed or fixing or reference) near$2 mirror)) and (mirror near$2 array)	USPAT	OR	OFF	2004/09/08 13:29
S44	783	((((385/18.ccls. or 385/16.ccls. or 385/17.ccls.) and @ad<"20020625") and @pd<"20020625") and ((fixed or fixing or reference) near$2 mirror)) and (mirror near$2 array)	USPAT	OR	OFF	2004/09/08 13:29

S45	988	((((385/18.ccls. or 385/16.ccls. or 385/17.ccls.) and @ad<"20020625") and ((fixed or fixing or reference) near$2 mirror)) and (mirror near$2 array)) and (adjust$5 or align$5)	USPAT	OR	OFF	2004/09/08 13:30
S46	585	(((((385/18.ccls. or 385/16.ccls. or 385/17.ccls.) and @ad<"20020625") and @pd<"20020625") and ((fixed or fixing or reference) near$2 mirror)) and (mirror near$2 array)) and (adjust$5 or align$5)	USPAT	OR	OFF	2004/09/08 13:30
S47	417	(((((385/18.ccls. or 385/16.ccls. or 385/17.ccls.) and @ad<"20020625") and ((fixed or fixing or reference) near$2 mirror)) and (mirror near$2 array)) and (adjust$5 or align$5)) and ((adjust$5 or align$5) with fiber)	USPAT	OR	OFF	2004/09/08 13:31
S48	230	((((((385/18.ccls. or 385/16.ccls. or 385/17.ccls.) and @ad<"20020625") and @pd<"20020625") and ((fixed or fixing or reference) near$2 mirror)) and (mirror near$2 array)) and (adjust$5 or align$5)) and ((adjust$5 or align$5) with fiber)	USPAT	OR	OFF	2004/09/08 13:31
S49	319898	((((((385/18.ccls. or 385/16.ccls. or 385/17.ccls.) and @ad<"20020625") and ((fixed or fixing or reference) near$2 mirror)) and (mirror near$2 array)) and (adjust$5 or align$5)) and ((adjust$5 or align$5) with fiber)) and (fiber near$2) array	USPAT	OR	OFF	2004/09/08 13:31
S50	417	((((((385/18.ccls. or 385/16.ccls. or 385/17.ccls.) and @ad<"20020625") and ((fixed or fixing or reference) near$2 mirror)) and (mirror near$2 array)) and (adjust$5 or align$5)) and ((adjust$5 or align$5) with fiber)) and (fiber near$2 array)	USPAT	OR	OFF	2004/09/08 13:32

S51	98	((((((385/18.ccls. or 385/16.ccls. or 385/17.ccls.) and @ad<"20020625") and ((fixed or fixing or reference) near$2 mirror)) and (mirror near$2 array)) and (adjust$5 or align$5)) and ((adjust$5 or align$5) with fiber)) and (fiber near array)	USPAT	OR	OFF	2004/09/08 13:32
S52	417	((((((385/18.ccls. or 385/16.ccls. or 385/17.ccls.) and @ad<"20020625") and ((fixed or fixing or reference) near$2 mirror)) and (mirror near$2 array)) and (adjust$5 or align$5)) and ((adjust$5 or align$5) with fiber)) and (fiber near$1 array)	USPAT	OR	OFF	2004/09/08 13:32
S53	126	((((((385/18.ccls. or 385/16.ccls. or 385/17.ccls.) and @ad<"20020625") and ((fixed or fixing or reference) near$2 mirror)) and (mirror near$2 array)) and (adjust$5 or align$5)) and ((adjust$5 or align$5) with fiber)) and (fiber near2 array)	USPAT	OR	OFF	2004/09/08 13:32
S54	45	(((((((385/18.ccls. or 385/16.ccls. or 385/17.ccls.) and @ad<"20020625") and @pd<"20020625") and ((fixed or fixing or reference) near$2 mirror)) and (mirror near$2 array)) and (adjust$5 or align$5)) and ((adjust$5 or align$5) with fiber)) and (fiber near array)	USPAT	OR	OFF	2004/09/08 13:33
S55	98	((((((385/18.ccls. or 385/16.ccls. or 385/17.ccls.) and @ad<"20020625") and ((fixed or fixing or reference) near$2 mirror)) and (mirror near$2 array)) and (adjust$5 or align$5)) and ((adjust$5 or align$5) with fiber)) and (fiber near1 array)	USPAT	OR	OFF	2004/09/08 13:56

S56	53	((((((((385/18.ccls. or 385/16.ccls. or 385/17.ccls.) and @ad<"20020625") and ((fixed or fixing or reference) near$2 mirror)) and (mirror near$2 array)) and (adjust$5 or align$5)) and ((adjust$5 or align$5) with fiber)) and (fiber near array)) not ((((((((385/18.ccls. or 385/16.ccls. or 385/17.ccls.) and @ad<"20020625") and @pd<"20020625") and ((fixed or fixing or reference) near$2 mirror)) and (mirror near$2 array)) and (adjust$5 or align$5)) and ((adjust$5 or align$5) with fiber)) and (fiber near array))	USPAT	OR	OFF	2004/09/08 13:56
S57	1119	(385/16.ccls. or 385/17.ccls. or 385/18.ccls. or 385/52.ccls.) and @ad<"20020625" and fiber and mirror	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/08 16:12
S58	108	((385/16.ccls. or 385/17.ccls. or 385/18.ccls. or 385/52.ccls.) and @ad<"20020625" and fiber and mirror) and ((fixed or fixing or "non-movable" or (non near mov$4) or reference) near mirror)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/08 16:33
S59	0	(((385/16.ccls. or 385/17.ccls. or 385/18.ccls. or 385/52.ccls.) and @ad<"20020625" and fiber and mirror) and ((fixed or fixing or "non-movable" or (non near mov$4) or reference) near mirror)) and (("bi-directional" or bidirectional or "multi-directional" or "bi directional" or "multi directional" or multidirectional) near fiber)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/08 16:44
S60	45	(((385/16.ccls. or 385/17.ccls. or 385/18.ccls. or 385/52.ccls.) and @ad<"20020625" and fiber and mirror) and ((fixed or fixing or "non-movable" or (non near mov$4) or reference) near mirror)) and ((adjustment or alignment or reference) near (beam or fiber))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/08 16:17
S61	124	((385/16.ccls. or 385/17.ccls. or 385/18.ccls. or 385/52.ccls.) and @ad<"20020625" and fiber and mirror) and ((fixed or fixing or "non-movable" or (non near mov$4) or reference) near (mirror or reflector))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/08 16:33

S62	48	(((385/16.ccls. or 385/17.ccls. or 385/18.ccls. or 385/52.ccls.) and @ad<"20020625" and fiber and mirror) and ((fixed or fixing or "non-movable" or (non near mov$4) or reference) near (mirror or reflector))) and ((adjustment or alignment or reference) near (beam or fiber))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/08 16:34
S63	0	(((385/16.ccls. or 385/17.ccls. or 385/18.ccls. or 385/52.ccls.) and @ad<"20020625" and fiber and mirror) and ((fixed or fixing or "non-movable" or (non near mov$4) or reference) near (mirror or reflector))) and (("bi-directional" or bidirectional or "multi-directional" or "bi directional" or "multi directional" or multidirectional) near fiber)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/08 16:45
S64	2	(((385/16.ccls. or 385/17.ccls. or 385/18.ccls. or 385/52.ccls.) and @ad<"20020625" and fiber and mirror) and ((fixed or fixing or "non-movable" or (non near mov$4) or reference) near (mirror or reflector))) and (reflect with back with (into or in or toward or towards) with (beam or light or path) with mirror with fiber)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/08 16:58
S65	218	((385/16.ccls. or 385/17.ccls. or 385/18.ccls. or 385/52.ccls.) and @ad<"20020625" and fiber and mirror) and ((adjustment or reference or alignment) near (fiber or beam or mirror))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/08 16:59
S66	325	((385/16.ccls. or 385/17.ccls. or 385/18.ccls. or 385/52.ccls.) and @ad<"20020625" and fiber and mirror) and ((adjustment or reference or alignment or control) near (fiber or beam or mirror))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/08 16:59
S67	62	(((385/16.ccls. or 385/17.ccls. or 385/18.ccls. or 385/52.ccls.) and @ad<"20020625" and fiber and mirror) and ((adjustment or reference or alignment or control) near (fiber or beam or mirror))) and ((fixed or fixing or "non-movable" or (non near movable) or nonmovable or stationary) near mirror)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/09/08 17:11

S68	21	(((((385/16.ccls. or 385/17.ccls. or 385/18.ccls. or 385/52.ccls.) and @ad<"20020625" and fiber and mirror) and ((adjustment or reference or alignment or control) near (fiber or beam or mirror))) and ((fixed or fixing or "non-movable" or (non near movable) or nonmovable or stationary) near mirror)) not (((((385/16.ccls. or 385/17.ccls. or 385/18.ccls. or 385/52.ccls.) and @ad<"20020625" and fiber and mirror) and ((fixed or fixing or "non-movable" or (non near mov$4) or reference) near (mirror or reflector))) and ((adjustment or alignment or reference) near (beam or fiber)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/11 10:41
S69	55994	(adjust$5 align$5 mov$5 tilt$5) near4 (fiber$2 waveguide$2 (wave adj guide$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/09 09:13
S70	95021	(adjust$5 align$5 mov$5 tilt$5) near7 (mirror$2 micromirror$2 microreflector$2 reflector$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/09 09:15
S71	34059	(mirror$2 micromirror$2 microreflector$2 reflector$2) near4 (fix$4 stationary nonmov$5 (non adj mov$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/09 09:17
S72	462	((adjust$5 align$5 mov$5 tilt$5) near4 (fiber$2 waveguide$2 (wave adj guide$2))) and ((adjust$5 align$5 mov$5 tilt$5) near7 (mirror$2 micromirror$2 microreflector$2 reflector$2)) and ((mirror$2 micromirror$2 microreflector$2 reflector$2) near4 (fix$4 stationary nonmov$5 (non adj mov$5))) and optic$2 and switch$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/09 09:18

S73	241	(((adjust$5 align$5 mov$5 tilt$5) near4 (fiber$2 waveguide$2 (wave adj guide$2))) and ((adjust$5 align$5 mov$5 tilt$5) near7 (mirror$2 micromirror$2 microreflector$2 reflector$2)) and ((mirror$2 micromirror$2 microreflector$2 reflector$2) near4 (fix$4 stationary nonmov$5 (non adj mov$5))) and optic$2 and switch$4) and "385"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/09 09:19
S74	378	(((adjust$5 align$5 mov$5 tilt$5) near4 (fiber$2 waveguide$2 (wave adj guide$2))) and ((adjust$5 align$5 mov$5 tilt$5) near7 (mirror$2 micromirror$2 microreflector$2 reflector$2)) and ((mirror$2 micromirror$2 microreflector$2 reflector$2) near4 (fix$4 stationary nonmov$5 (non adj mov$5))) and optic$2 and switch$4) and @ad<"20020625"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/09 09:19
S75	198	((((adjust$5 align$5 mov$5 tilt$5) near4 (fiber$2 waveguide$2 (wave adj guide$2))) and ((adjust$5 align$5 mov$5 tilt$5) near7 (mirror$2 micromirror$2 microreflector$2 reflector$2)) and ((mirror$2 micromirror$2 microreflector$2 reflector$2) near4 (fix$4 stationary nonmov$5 (non adj mov$5))) and optic$2 and switch$4) and @ad<"20020625") and "385"/$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/11 10:35
S76	16	((((adjust$5 align$5 mov$5 tilt$5) near4 (fiber$2 waveguide$2 (wave adj guide$2))) and ((adjust$5 align$5 mov$5 tilt$5) near7 (mirror$2 micromirror$2 microreflector$2 reflector$2)) and ((mirror$2 micromirror$2 microreflector$2 reflector$2) near4 (fix$4 stationary nonmov$5 (non adj mov$5))) and optic$2 and switch$4) and @ad<"20020625") and "385"/$. ccls. and @pd>"20040830"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/11 10:36

S77	4	((((385/16.ccls. or 385/17.ccls. or 385/18.ccls. or 385/52.ccls.) and @ad<"20020625" and fiber and mirror) and ((adjustment or reference or alignment or control) near (fiber or beam or mirror))) and ((fixed or fixing or "non-movable" or (non near movable) or nonmovable or stationary) near mirror)) not ((((385/16.ccls. or 385/17.ccls. or 385/18.ccls. or 385/52.ccls.) and @ad<"20020625" and fiber and mirror) and ((fixed or fixing or "non-movable" or (non near mov$4) or reference) near (mirror or reflector))) and ((adjustment or alignment or reference) near (beam or fiber))) and @pd>"20040830"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/11 10:42
S79	892	385/17.ccls. and @ad<"20020625"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/11 10:45
S80	61222	(adjust$5 align$5 calibrat$5 mov$5 tilt$5) near4 (fiber$2 waveguide$2 wave-guide$2 (wave adj guide$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/11 10:46
S81	84862	(adjust$5 align$5 calibrat$5 mov$5 tilt$5) near4 (mirror$1 micro-mirror$1 micromirror$1 reflector$1 micro-reflector$1 microreflector$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/11 10:48
S82	35889	(fix$4 non-mov$4 nonmov$4 (non adj mov$4) stationary) near4 (mirror$1 micro-mirror$1 micromirror$1 reflector$1 micro-reflector$1 microreflector$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/11 10:50
S83	56	S79 and S80 and S81 and S82	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/05/11 10:50